

**TOSHIBA**

# **OWNER'S MANUAL**

## **Color Television**

COLORSTREAM™

**27A50**  
**32A50**  
**36A50**

Set up

Preparation

Basic Operation

Advanced Operation

Reference Section

## Dear Customer

Congratulations! You have purchased one of the finest Color TV's on the market!

This manual will help you use the many exciting and useful features to make your TV viewing more enjoyable than ever before.

Before operating your TV set, please read all these safety and operating instructions completely and then retain for future reference.

## Customer's Record

You will find the model number and serial number on the back of your TV set.

Record these numbers in the spaces provided below.

Refer to them whenever you call upon your TOSHIBA dealer regarding this product.

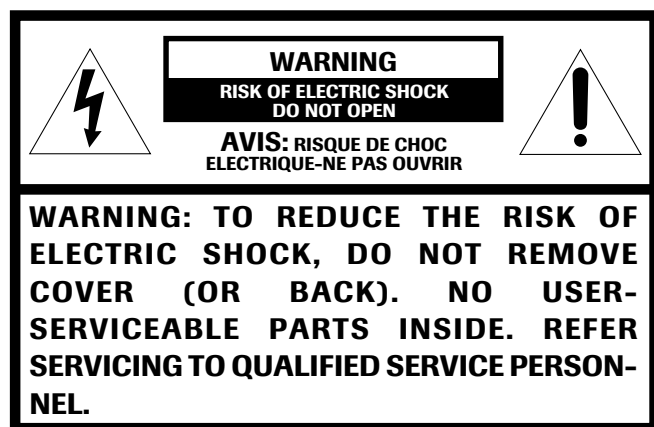
Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

# Safety Precautions

## WARNING:

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**



The lightning symbol in the triangle tells you that the voltage inside this product may be strong enough to cause an electric shock.

**DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF.**



The exclamation point in the triangle tells you that important operating and maintenance instructions follow this symbol.

This TV set may be used only with TOSHIBA stand shown on page 35. Use with other stands may result in instability causing possible injury.

## CAUTIONS:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLET UNLESS THE PRONGS CAN BE FULLY INSERTED INTO THE OUTLET TO PREVENT ANY EXPOSURE OF THE PRONGS ON THE POLARIZED PLUG.

## ATTENTION:

POUR PRÉVENIR LES CHOCs ÉLECTRIQUES, NE PAS UTILISER CETTE FICHE POLARISÉE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ÊTRE INSÉRÉS À FOND SANS EN LAISSER AUCUNE PARTIE À DÉCOUVERT.

Avoid displaying stationary images on your TV screen for extended periods of time. Stationary patterns generated by PIP display, computer displays, video games, stock market reports, etc. can become permanently engrained on the picture tube. This damage is not protected by your warranty as it is the result of misuse. Should you wish to use your TOSHIBA Television to display still images, it is always advisable to reduce brightness and contrast settings. Never leave a PIP display, a computer or video game display unattended.

## *Note to CATV system installer in the USA:*

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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## Reference Section

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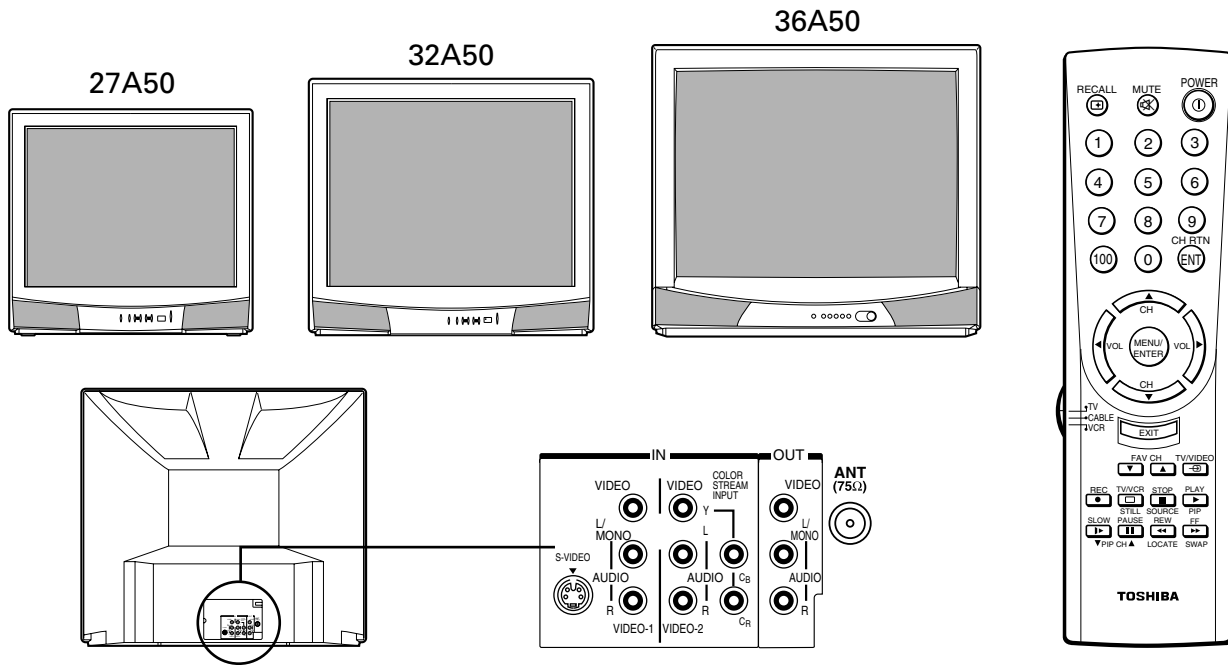
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# Introduction

This manual applies to models 27A50, 32A50 and 36A50, and there are slight differences among them. The 32A50 is the model used for illustration purposes. Instructions in this manual are based on the Remote Control. Check the model of your TV before using this manual.

## Exploring your new TV

You can operate your TV using the buttons on the front panel or the Remote Control. The back panel provides all the terminal connections you will need to connect other equipment to your TV.



## Selecting a location for the TV

- Place the TV on the floor or on a sturdy platform in a location where light does not directly hit the screen.
- Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which may damage the TV.

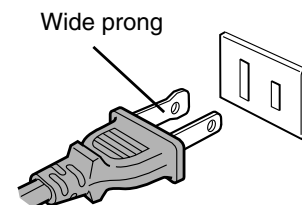
## WARNING

To avoid personal injury:

- Do not stand or climb on the TV.
- Do not put a VCR or any heavy object on top of the TV.

## Caution:

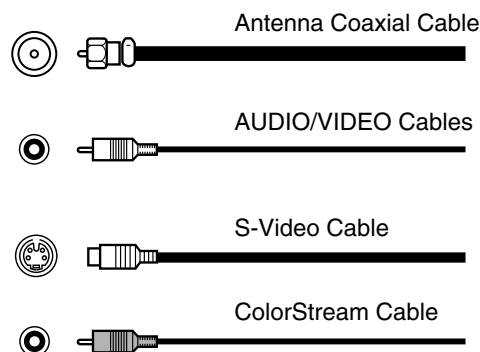
The plug has one prong wider than the other and will fit only one way into a standard electrical outlet (120 volt AC, 60 Hz). If the plug does not fit into the outlet, try turning it around. If the plug still does not fit, the outlet is probably non-standard and must be replaced by a qualified electrician. **Do not tamper with the plug or try to force it into a non-standard outlet.**



# Connecting Your TV

If you haven't connected electronic equipment before, or you have been frustrated in the past, you may wish to read this section. (Cables are not supplied.)

- A coaxial cable is the standard cable that comes in from your antenna or cable converter box. Coaxial cables use "F" connectors.
- Audio and video cables are usually color coded according to use: yellow for video and red and white for audio. The red audio cable is for the stereo right channel, and the white audio cable is for the stereo (or mono) left channel. If you look at the rear panel of the TV, you will see that the terminals are color coded in the same manner as the cables.
- S-video cables provide better picture performance. S-video cables can only be used with S-video compatible components.
- ColorStream™ cables come in sets of three and provide the best picture performance. ColorStream cables can only be used with ColorStream compatible components.

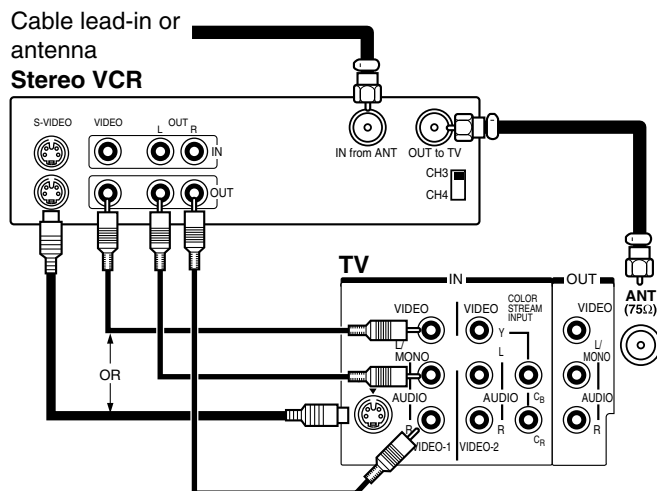


**Caution:**

Do not plug the TV in until you have finished connecting all of your equipment.

## Connecting a VCR

This connection allows you to watch local channels and video programs, play or record on the VCR while watching TV, and to record from one channel while watching another channel.



**Caution:**

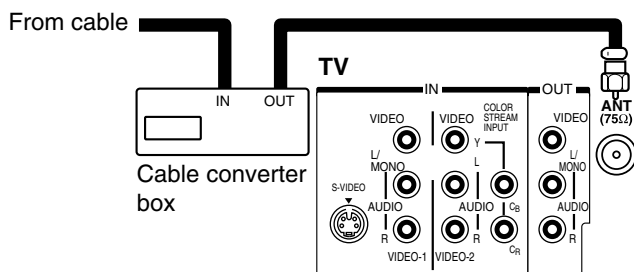
If using a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable. If you have a S-VHS VCR, use the S-video connections and remove the video cable. Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.

**Note:**

The VIDEO 2 jacks can also be used for connecting a second piece of video equipment, such as a video disc player or camcorder etc. with audio/video outputs.

## Connecting a cable converter box

This connection allows you to watch cable and premium channels. Tune the TV to channel 3 or 4 (whichever channel is vacant in your broadcast area), then use the converter box to change channels.



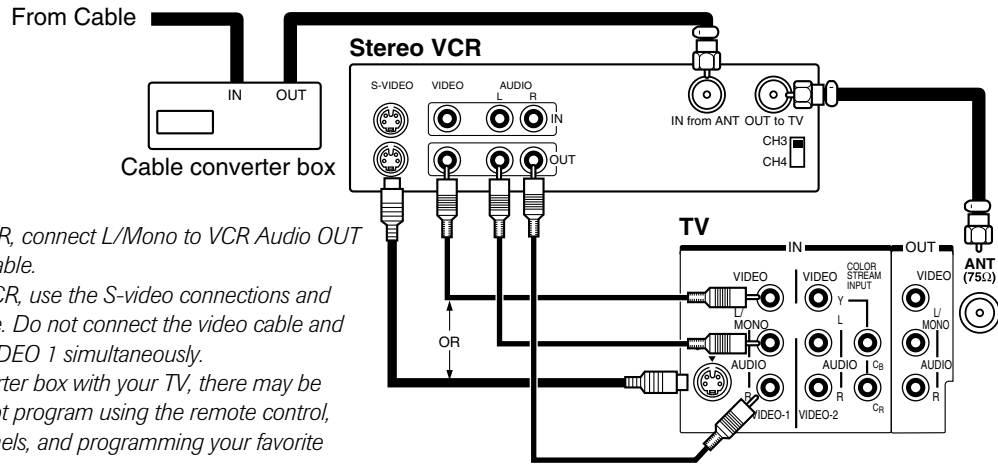
**Note:**

When you use a converter box with your TV, there may be features that you cannot program using the Remote Control, such as blocking channels, and programming your favorite channels.

# Connecting Your TV (continued)

## Connecting a cable converter box and a VCR

This connection allows you to watch and record basic and premium cable channels, as well as watch video tapes. Tune the TV and VCR channels to 3 or 4 (whichever channel is vacant in your area), then use the converter box to change channels.

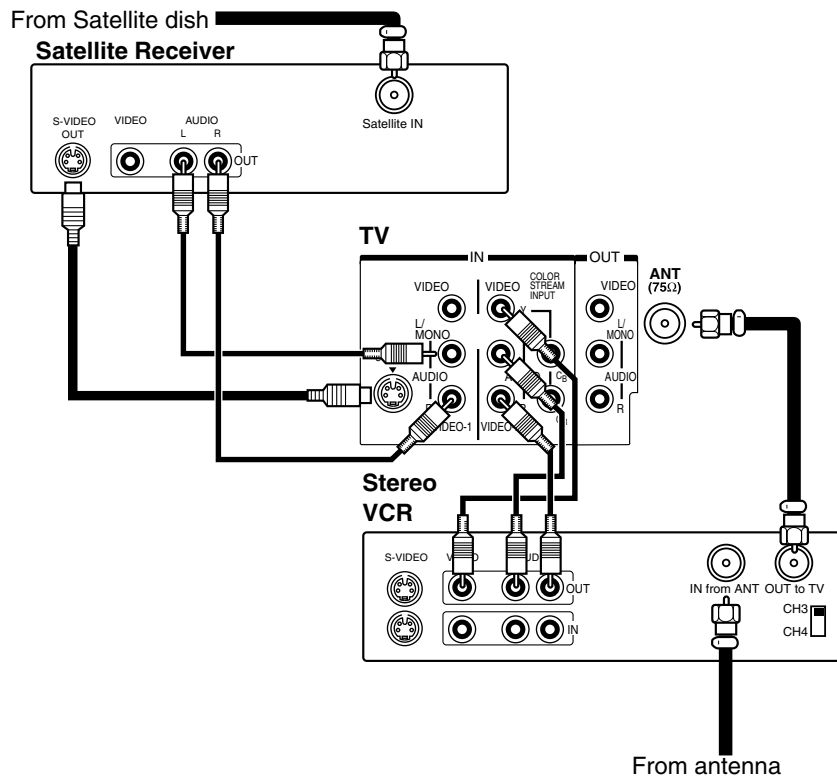


### Caution:

- If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable. If you have a S-VHS VCR, use the S-video connections and remove the video cable. Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.
- When you use a converter box with your TV, there may be features that you cannot program using the remote control, such as blocking channels, and programming your favorite channels.

## Connecting a satellite receiver and a VCR

This connection allows you to watch satellite, video and TV programs. You can record one TV channel while watching another channel.



### Caution:

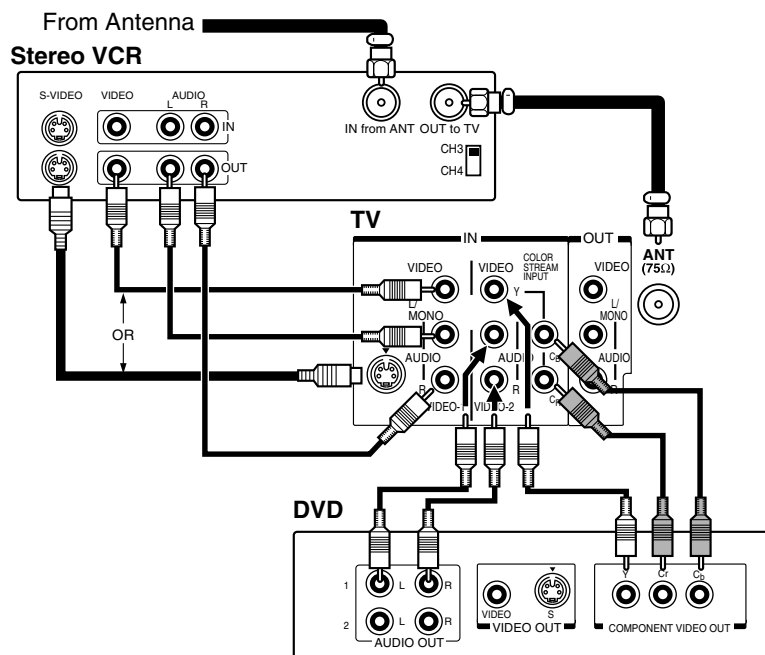
- You can use a video cable instead of the S-video cable, but the picture quality will decrease. Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.

### Notes:

- To watch from the Satellite Receiver, the TV must select VIDEO 1.
- To watch from the VCR, the TV must select VIDEO 2.

## Connecting a DVD with component video and VCR

This connection allows you to watch DVD, video or TV programs and to record TV programs. Your TV is capable of using ColorStream (component video). Connecting your TV to a ColorStream compatible DVD can greatly enhance picture quality and performance.



### Caution:

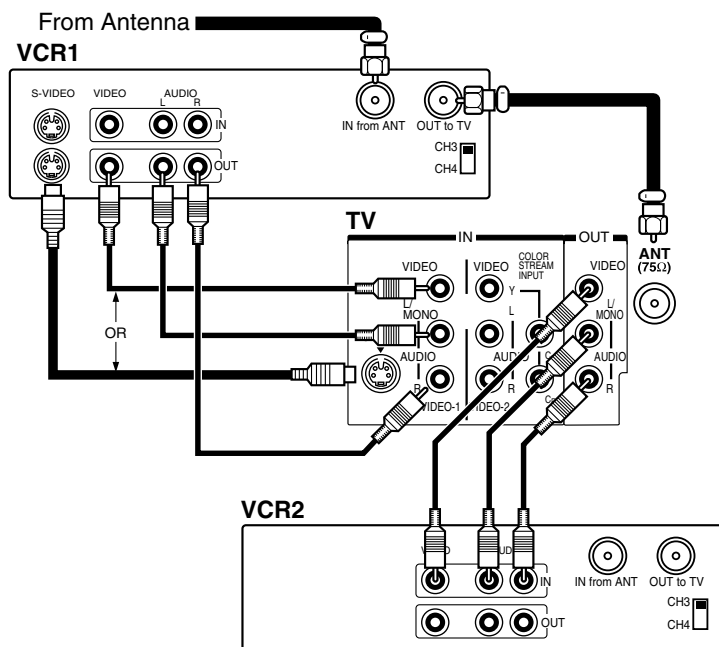
The unauthorized recording of television programs, video tapes and other materials may infringe upon the provisions of copyright laws.

### Notes:

- To watch from the VCR, the TV must select VIDEO 1.
- To watch from DVD, the TV must select VIDEO 2.

## Connecting two VCRs

This connection allows you to record (dub/edit) from one VCR to another VCR while watching a video program. You will also be able to record from one TV channel while watching another channel.



### Caution:

The unauthorized recording of television programs, video tapes and other materials may infringe upon the provisions of copyright laws.

### Note:

The TV must select Video 1 to dub or edit from VCR 1 to VCR 2. VCR 2 must select Line In when editing or dubbing from VCR 1.

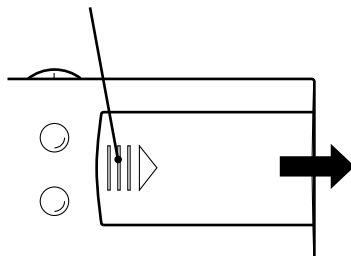
# Preparing the Remote Control for Use

With the Remote Control, you can operate your TV, most VCR models, and cable TV converters together, even if they are different brands. If you will be using your TV with a Toshiba VCR, your Remote Control is already programmed and ready to use. If you own different brands of VCR's and/or converters, you first have to program your Remote Control. (See "Programming the Remote Control" on page 11.)

## Installing the Remote Control batteries

- 1 Slide the battery cover off of the back of the Remote Control.

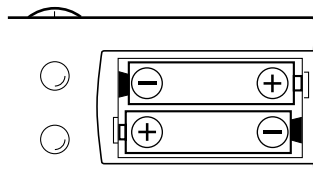
Press and slide to remove.



### Caution:

- Dispose of your batteries in a designated disposal area. Do not throw your batteries into a fire.
- Do not mix battery types or combine used batteries with new ones.
- Remove dead batteries immediately to prevent battery acid from leaking into the battery compartment.
- If you do not intend to use the remote control for a long time, remove the batteries.

- 2 Install two "AA" size batteries. Match the + and – signs on the batteries to the signs on the battery compartment.



### Note:

This Remote Control's functions may or may not operate your VCR or cable TV converter. Refer to the owner's manuals supplied with the equipment to see which features are available. In addition, the original controllers may have features not available on this Remote Control. If you would like to continue to use these features, you may want to use the original remote control.

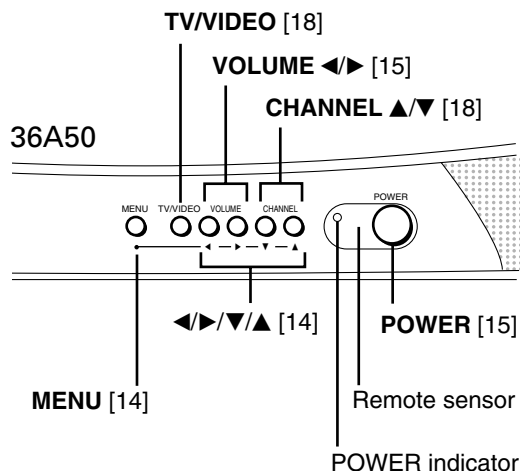
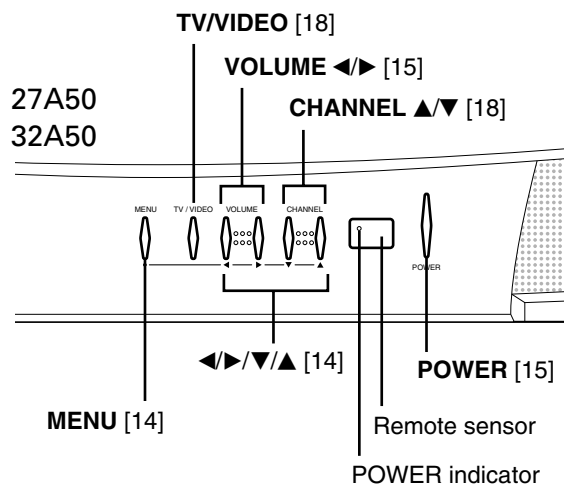
- 3 Slide the battery cover back on to the Remote Control until the lock snaps.



# Location of Controls

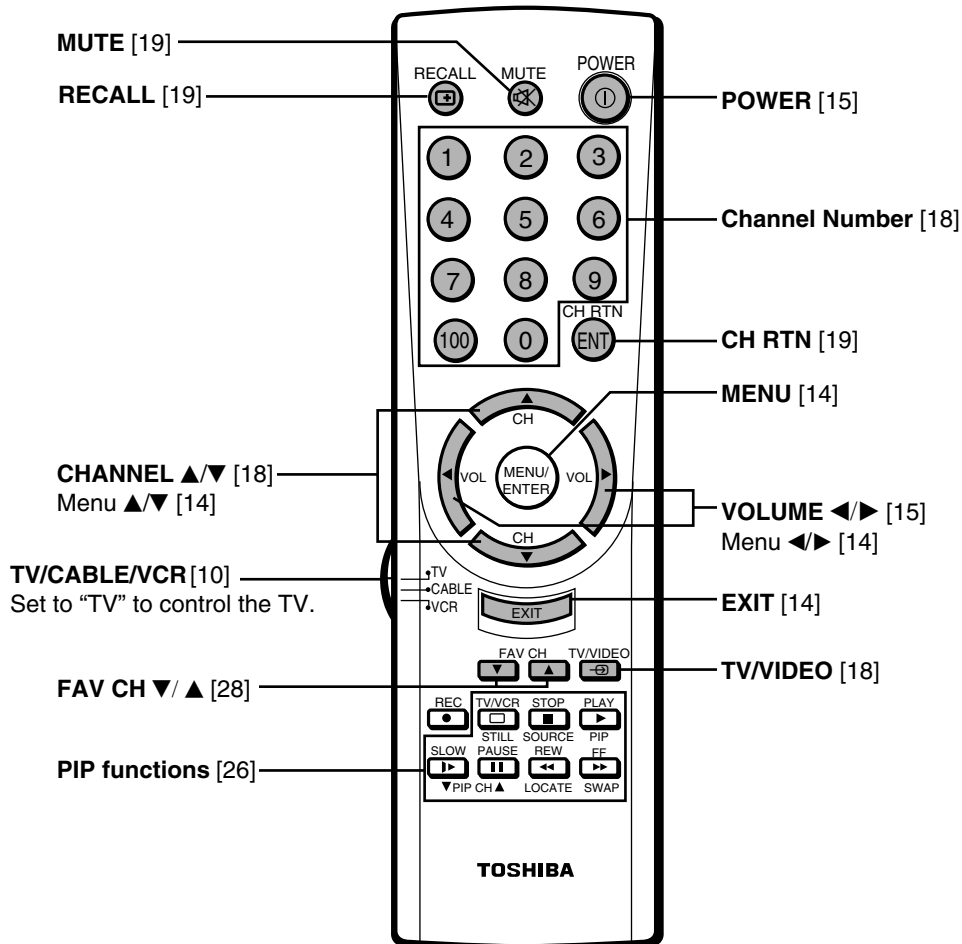
For details on the use of each control, refer to pages in brackets.

## TV front panel



## Remote Control

- This Remote Control is equipped with the buttons (marked ●) that glow (discharge) in the dark.
- Only the buttons that are used to operate the TV set are described here.



# Using the Remote with VCR or Cable TV Converter

- To control a TOSHIBA VCR, first set the **TV/CABLE/VCR** switch to “VCR” position. The buttons shown below will then control the VCR. The rest of the buttons operate the TV as usual.

If you have another brand of VCR, you can probably program your Remote to control it.

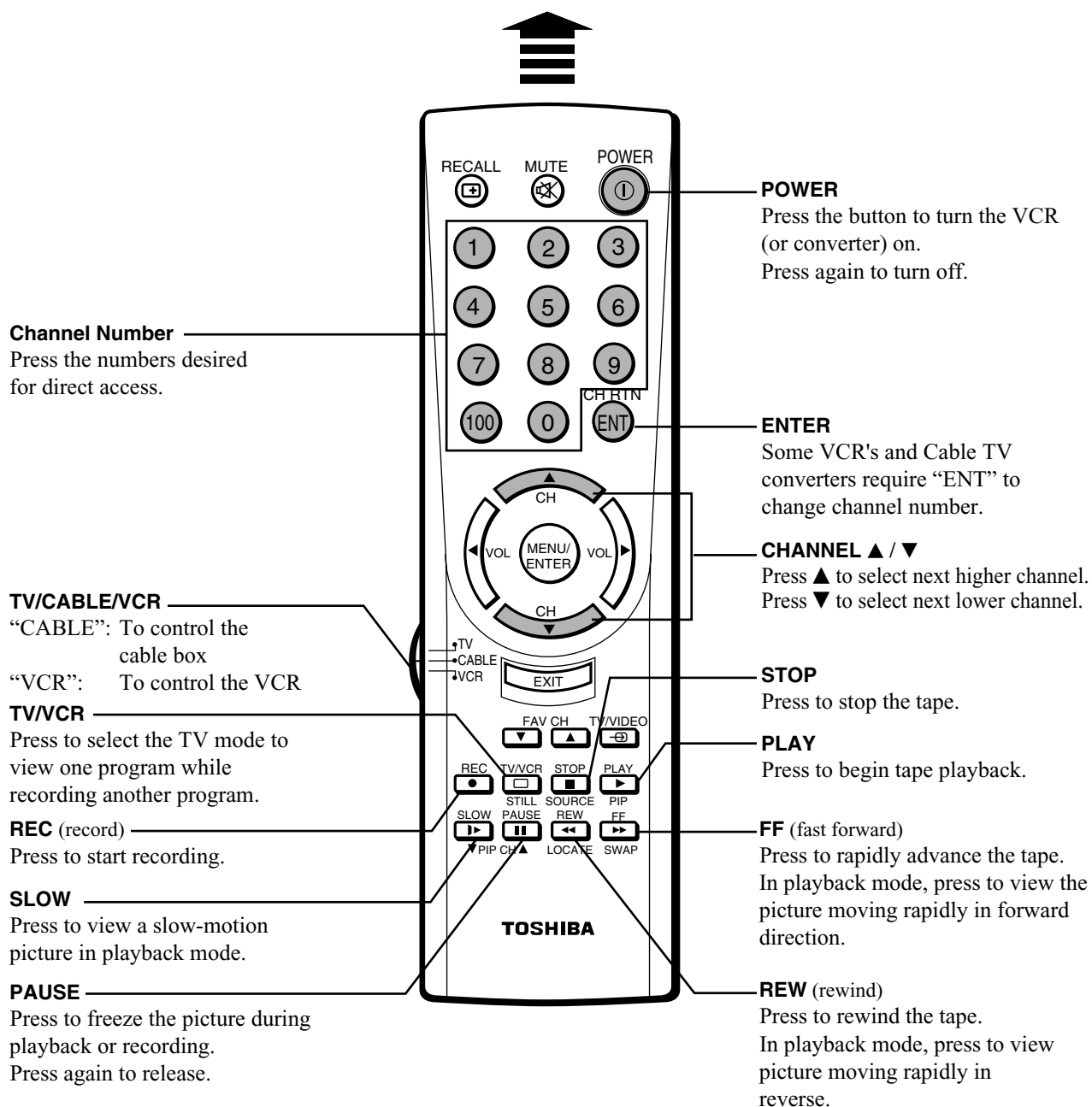
Details are on page 11.

- To control a cable TV converter, this Remote Control must be programmed to recognize the brand of your converter. See page 11.

The shaded buttons can be used to control the cable TV converter.

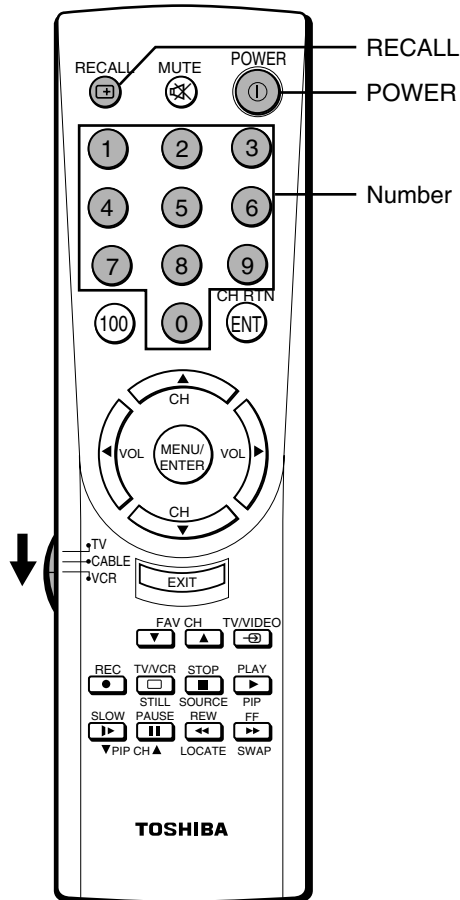
Set the **TV/CABLE/VCR** switch to “CABLE” position whenever you control the cable TV converter.

Aim at the VCR or cable TV converter



# Programming the Remote Control

- This Remote Control is preprogrammed to operate TOSHIBA VCR's.
- To use VCR's other than TOSHIBA models (or cable converter), perform the following procedures before operating.



## Controlling other brands of VCR's and cable TV converters

- 1 Refer to the “**VCR code table**” (or “**Cable TV converter code table**”) on pages 12 and 13 to find the code number that corresponds to the brand name of your VCR (or converter).

If more than one number is listed, try each one separately until you find the one that works.

- 2 Set the **TV/CABLE/VCR** switch to “VCR” (or “CABLE”).
- 3 Hold down **RECALL** while pressing the **Number** buttons for the three digit code number for your brand of VCR (or converter).
- 4 Point the Remote Control at the VCR (or at the converter) and press **POWER** to test the code number.
  - If the **right number was entered**, the VCR (or the converter) should turn off.
  - If the **VCR (or the converter) does not respond to the Remote Control**, repeat steps 1 to 4 with another code number.

For future reference, write down the code numbers you used:

VCR CODE \_\_\_\_\_

CABLE CODE \_\_\_\_\_

### Notes:

- You have to reprogram the Remote Control when you change its batteries.
- Some newer VCR's are capable of working on either of two remote codes. These VCR's have a switch labeled “VCR1/VCR2”.

If your VCR has this kind of switch, and does not respond to all the code numbers for your VCR brand name, set the switch to another position (“VCR1” or “VCR2”) and reprogram the Remote Control.

# Programming the Remote Control (Continued)

- In some rare cases, you may not be able to operate your non-Toshiba equipment with the supplied Remote Control. This is because your equipment may use a code that is not provided with this Remote Control. In this case, please use the equipment's own remote control.

## VCR code table

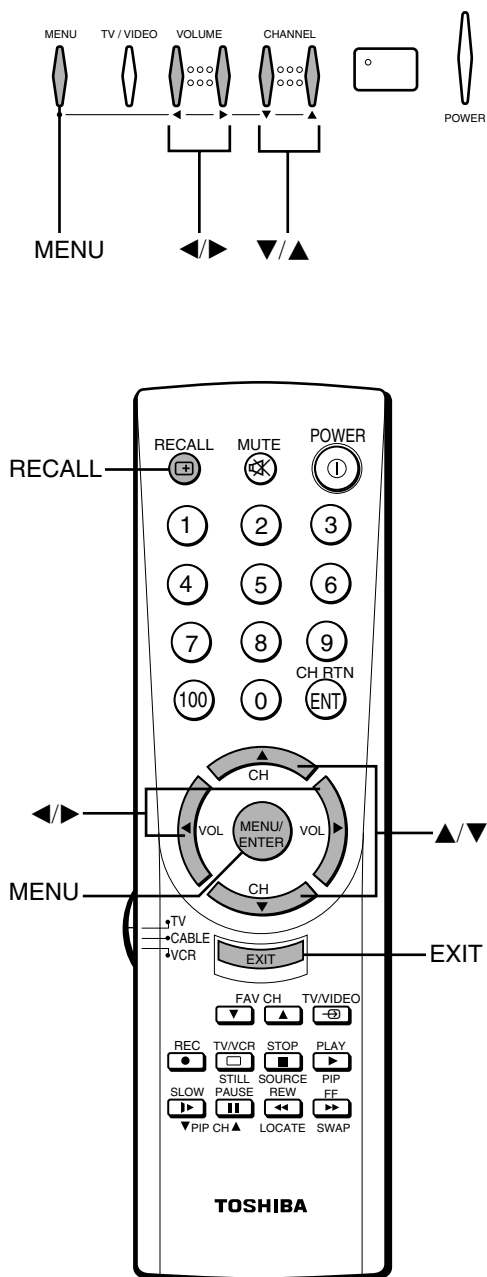
BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER
Adventura .....	019	Jensen .....	060	Radio Shack .....	019,056,344
Aiko .....	297	JVC .....	027,060,086	Radix .....	056
Aiwa .....	019	Kenwood .....	057,060,086	Randex .....	056
Akai .....	060,068,080,125, 261	KLH .....	091	RCA .....	061,079,084,096, 124,125,168,221
American High .....	054	Kodak .....	054,056	Realistic .....	019,054,056,065, 066,067,081,085, 123,259
Asha .....	259	Lloyd .....	019	Ricoh .....	053
Audiovox .....	056	Lloyd's .....	227	Runco .....	058
Beaumark .....	259	Logik .....	091	Samsung .....	064,259
Bell & Howell .....	123	LXI .....	056	Sanky .....	058,067
Brandt .....	206	Magnavox .....	054,058,100,129,168	Sansui .....	060,086
Broksonic .....	140,203,230,314, 380	Magnin .....	259	Sanyo .....	065,066,123,259
Calix .....	056	Marantz .....	054,100	Scott .....	062,064,140,203, 229,230,231
Canon .....	054	Marta .....	056	Sears .....	054,056,061,065, 066,073,085,123, 124
Capehart .....	039	Matsushita .....	054	Sharp .....	067,081
Carver .....	100	MEI .....	054	Shintom .....	091
CCE .....	091,297	Memorex .....	019,054,056,058, 065,066,067,123, 259	Shogun .....	259
Citizen .....	056,297	MGA .....	062,080	Singer .....	091
Colt .....	091	MGN Technology .....	259	Sony .....	051,052,053,054
Craig .....	056,066,091,259	Minolta .....	061,124	STS .....	061
Curtis Mathes .....	054,060,079	Mitsubishi .....	062,080,086,094 192,233,261	Sylvania .....	019,054,062,100, 129
Cybernex .....	259	Motorola .....	054,067	Symphonic .....	019,344
Daewoo .....	039,064,297	MTC .....	019,259	Tatung .....	060
Daytron .....	039	Multitech .....	019,091	Teac .....	019,060
Dynatech .....	019	NAD .....	077	Technics .....	054,181
Electrohome .....	056	NEC .....	057,059,060,069,086	Teknika .....	019,054,056,071
Electroponic .....	056	Nikko .....	056	Telefunken .....	206
Emerex .....	051	Noblex .....	259	TMK .....	227,259
Emerson .....	019,021,056,062, 080,087,140,203, 227,228,230,231, 297,313,314,380, 498	Olympus .....	054	Toshiba .....	062,064,085,229, 231,385
Fisher .....	066,073,085,123	Optimus .....	056,067,077,123	Totevision .....	056,259
Fuji .....	052,054	Optonica .....	081	Unitech .....	259
Funai .....	019,344	Orion .....	498	Vector .....	064
Garrard .....	019,344	Panasonic .....	054,096,181,244,473	Vector Research .....	057,059
GE .....	054,079,084,221	Penney .....	054,056,057,059, 061,073,259	Video Concepts .....	059,064,080
Goldstar .....	037,056,057	Pentax .....	061,084,124	Videosonic .....	259
Gradiente .....	019	Philco .....	054	Wards .....	019,054,061,066, 067,081,091,168, 231,259
Harley Davidson .....	019	Philips .....	054,081,100,129	XR-1000 .....	019,054,091
Harman/Kardon .....	057,094	Pilot .....	056	Yamaha .....	057
Harwood .....	087,091	Pioneer .....	077,086	Zenith .....	052,053,058
Headquarter .....	065	Portland .....	039		
HI-Q .....	066	Protec .....	091		
Hitachi .....	060,061,084,124, 185, 254	Pulsar .....	058		
		Quarter .....	065		
		Quarts .....	065		
		Quasar .....	054,096		

**Cable TV converter code table**

BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER
ABC .....	020,022,026,027, 030,032,033,036, 066	Regency .....	021
Antronix .....	041	Rembrandt .....	030,089
Archer .....	041,058,172	Runco .....	019
Belcor .....	075	Samsung .....	059,163
Cable Star .....	075	Scientific Atlanta ....	025,027,036,296
Cabletenna .....	041	Signal .....	034,059
Cableview .....	041	Signature .....	030
Century .....	172	SL Marx .....	059
Citizen .....	172	Sprucer .....	040
Colour Voice .....	044,050	Standard Components .....	174
Comtronics .....	059,079	Starcom .....	022,034,066
Contec .....	038	Stargate .....	034,059
Dae Ryung .....	027	Starquest .....	034
Eastern .....	021	Sylvania .....	020
Focus .....	419	Teleview .....	059
Garrard .....	172	Texscan .....	020
GC Electronics .....	075	Tocom .....	031,032,078
Gemini .....	034,089	Toshiba .....	019
General Instrument .....	030,295	Tusa .....	034
Goldstar .....	059,163	Unika .....	041,172
Hamlin .....	028,039,053,278, 292	United Artists .....	026
Hitachi .....	030	United Cable .....	022
Hytex .....	026	Universal .....	041,058,075,172
Jasco .....	172	Viewstar .....	046,079,230
Jerrold .....	022,030,031,033 034,066,295	Zenith .....	019
Macom .....	052	Zentek .....	419
Magnavox .....	046		
Memorex .....	019		
Movie Time .....	175		
NSC .....	089,175		
Oak .....	026,038,267		
Panasonic .....	019,040,126		
Paragon .....	019		
Philips .....	044,046,047,048 049,050,172		
Pioneer .....	042,163,552		
Popular Mechanics ....	419		
Pulsar .....	019		
RCA .....	040		
Recoton .....	419		
Regal .....	039,278,292		

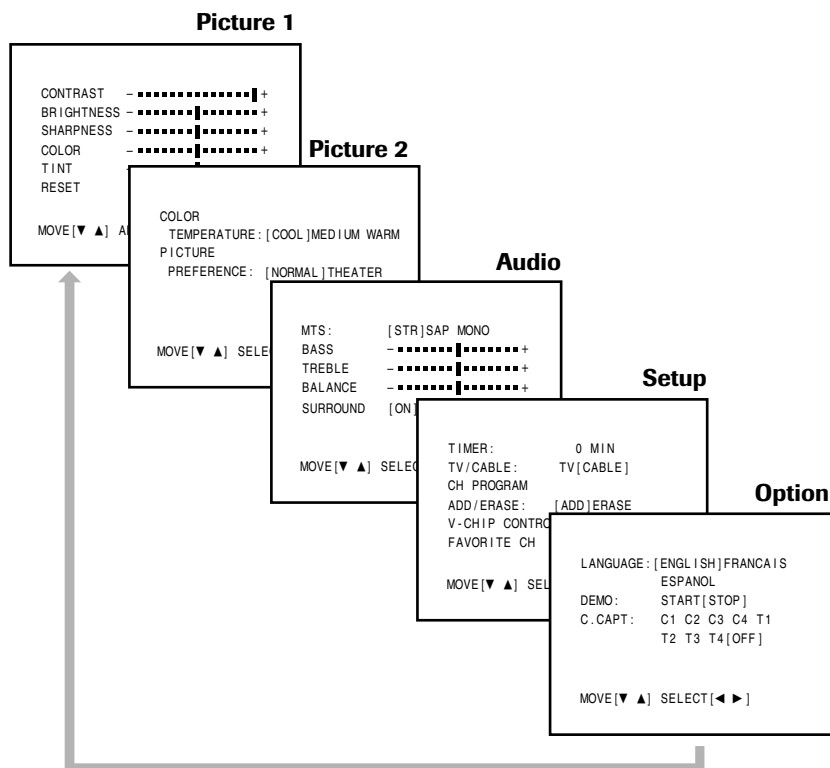
# Menu Function (General Instructions)

We suggest you familiarize yourself with this procedure before using the Menu function.  
To adjust any TV feature, the use of the Menu function is required. The adjustments that can be made to the TV appear on the screen.



## MENU button (on TV and on Remote)

Each time you press **MENU**, the Picture, Audio, Setup or Option menu on-screen display is selected in order, then press **▼** or **▲**.



## ▼/▲ buttons (on TV and on Remote)

Use **▼** or **▲** after you have selected the on-screen menu you want to adjust with the **MENU** button.

Each time you press **▼** or **▲**, the function to be adjusted will be selected in order.

▼ button ..... from top to bottom

▲ button ..... from bottom to top

The selected function will be displayed in purple.

## ◀▶ buttons (on TV and on Remote)

Use **◀** or **▶** to adjust the function you have selected with the **▼/▲** buttons.

## EXIT button (on Remote)

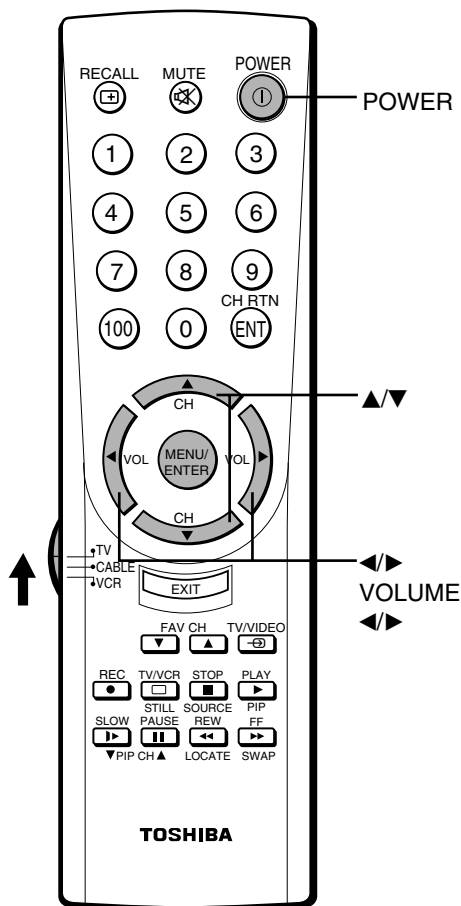
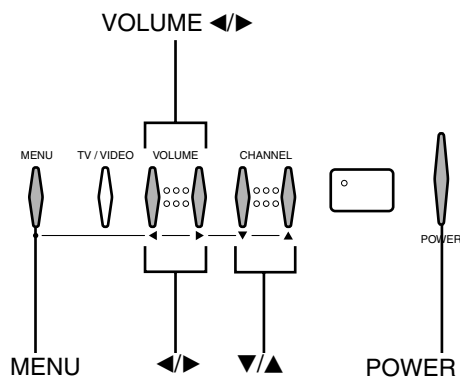
The above four menu displays will automatically disappear from the screen if no control has been operated for about 15 seconds.

If you want to clear the screen of all on-screen menus instantly, press **EXIT**.

### Notes:

- The **◀▶** buttons will function as the **VOLUME** **◀▶** buttons when no menu display is on the screen.
- The **▲▼** buttons will function as the **CHANNEL** **▲▼** buttons when no menu display is on the screen.

# First-Time Operation



## Turning the TV set on

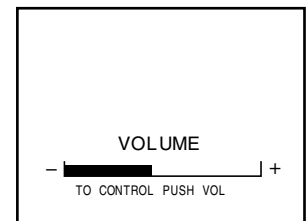
1 Set the **TV/CABLE/VCR** switch on the Remote Control to “TV” position.

2 Press **POWER** to turn on the TV.

To turn off the TV, press **POWER** again.



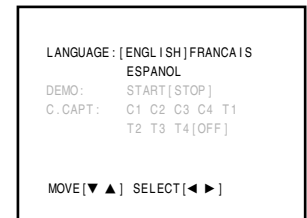
3 Press **VOLUME**  $\leftarrow/\rightarrow$  to adjust the volume.  
To increase the volume, press  $\rightarrow$ .  
To decrease the volume, press  $\leftarrow$ .



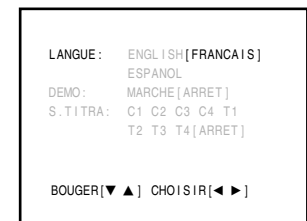
## Selecting the on-screen display language

1 Press **MENU** until the Option menu is displayed on the screen.

2 Press  $\uparrow$  or  $\downarrow$  repeatedly until “LANGUAGE” is displayed in purple.



3 Press  $\leftarrow$  or  $\rightarrow$  until your desired language is displayed in purple.  
If you select “FRANCAIS” for example, the display language changes to French.



## Understanding Auto-Power-Off feature

If a vacant channel is tuned or TV broadcast for a day is finished, the TV will automatically turn off after about 15 minutes.

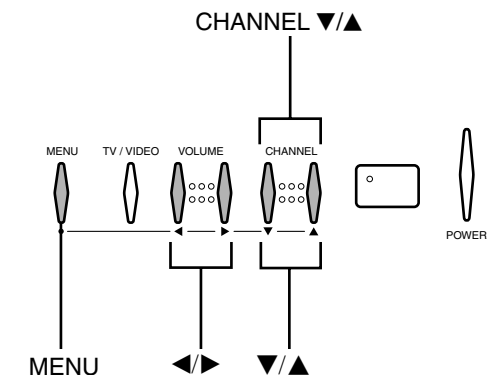
This feature does not operate in the VIDEO mode.

## Understanding Last Mode Memory feature

If the power is cut off while you are viewing the TV and the power is resupplied, the TV is turned on automatically by the **Last Mode Memory** feature. If the power is going to be off or when you leave home for a long time, remove the power plug from the wall outlet to prevent the TV from turning on in your absence.

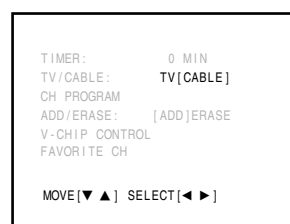
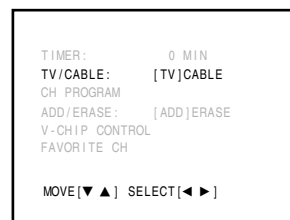
# Programming Channel Memory

The channel memory is the list of TV channel numbers your TV will stop on when you press the **CHANNEL ▲** or **▼** button. **First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area.** If necessary, arrange the preset channels with the ADD/ERASE functions so that you can tune into only desired channels.



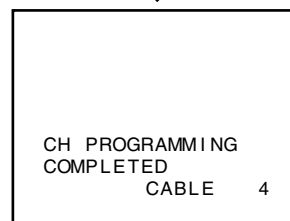
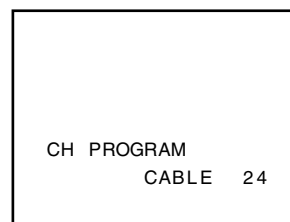
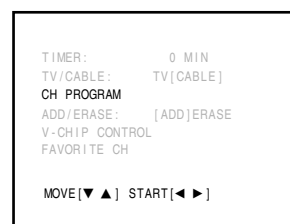
## TV/CABLE function

- 1 Press **MENU** until the Setup menu is displayed on the screen.
- 2 Press **▲** or **▼** until “TV/CABLE” is displayed in purple.
- 3 Press **◀** or **▶** until the mode that corresponds to your TV signal system is displayed in purple.  
**TV:** TV broadcast signals.  
(VHF channels 2 through 13 and UHF channels 14 through 69)  
**CABLE:** Cable TV signals.  
(Cable channels 1 through 125)

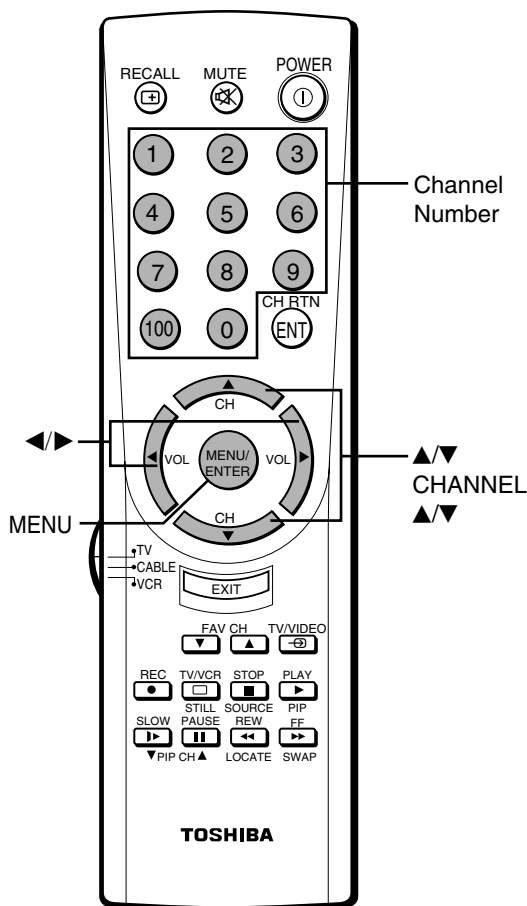


## CH PROGRAM function

- 1 Press **MENU** until the Setup menu is displayed on the screen.
- 2 Press **▲** or **▼** repeatedly until “CH PROGRAM” is displayed in purple.
- 3 Press **◀** or **▶** to start channel programming. The TV will automatically cycle through all the TV or CABLE channels depending on the mode selected, and store active channels in the channel memory.
- 4 When channel programming is complete, you will see the message at the right.



- 5 Press **CHANNEL ▲** or **▼** to make sure the channel programming has been done properly.





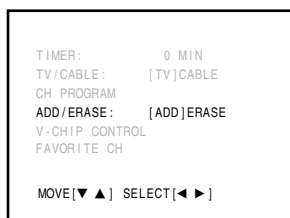
## ADD/ERASE function

After performing the CH PROGRAM function, you can add or erase specific channels.

- 1 Select the channel you want to erase using the **CHANNEL ▲** or **▼** button, or select the channel you want to add using the **Channel Number** buttons.

- 2 Press **MENU** repeatedly until the Setup menu is displayed on the screen.

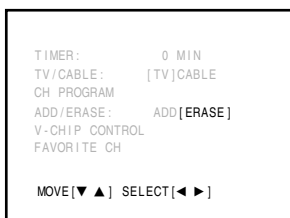
- 3 Press **▲** or **▼** repeatedly until “ADD/ERASE” is displayed in purple.



- 4 Press **◀** or **▶** :

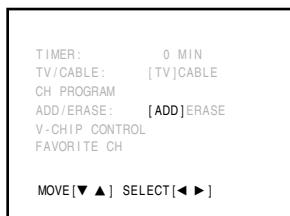
### To erase the channel

Press the button until “ERASE” is displayed in purple indicating that the channel has been erased from the memory.



### To add the channel

Press the button until “ADD” is displayed in purple indicating that the channel has been memorized.



- 5 Repeat steps 1 to 4 for other channels.

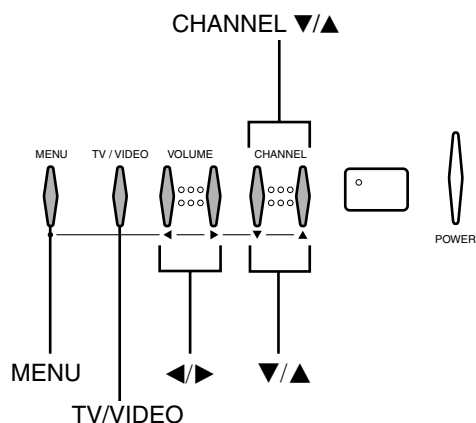
You have now completed the channel programming.

**CABLE channel reference chart**

Number on this TV	Corresponding CABLE channel	Number on this TV	Corresponding CABLE channel
1	A-8	67	67
5	5(A-7)	68	68
6	6(A-6)	69	69
14	A	92	92
15	B	93	93
16	C	94	94
34	U	95	A-5
35	V	96	A-4
36	W	97	A-3
37	AA	98	A-2
38	BB	99	A-1
60	XX	100	100
61	YY	101	101
62	ZZ	102	102
63	AAA	123	123
64	BBB	124	124
65	65	125	125
66	66		

The above chart is typical of many cable system channel allocations. If in doubt, consult your cable company.

# Watching TV Programs or Video input



## Selecting the TV channels

Select a channel in one of the following two ways.

- **To scan the memorized channels in numerical sequence**

Press **CHANNEL ▲** to select the next higher channel.

Press **CHANNEL ▼** to select the next lower channel.

Press the button again to select the next memorized channels.

- **To select a channel directly**

Press the **Channel Number** buttons (0-9 and 100).

To select channel 4, press “4” (or press “0”, “4”).

To select channel 38, press “3”, “8”.

To select channel 125, press “100”, “2”, “5” in sequence.

**If you cannot select certain channels, either TV (off the air) or CABLE channels**

Check if the TV/CABLE function is properly set. See page 16.

## Selecting the video input source

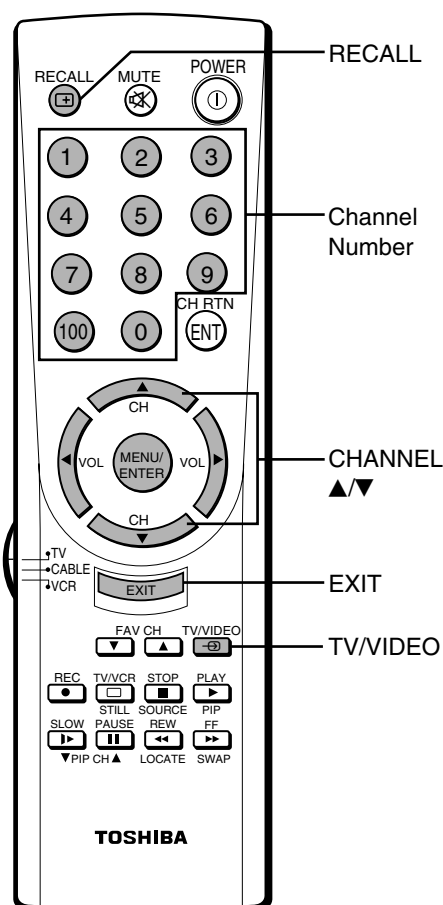
You can use the **TV/VIDEO** button to view signal coming from other devices, such as VCR's or video disc players that may be connected to your TV. (See “Connecting Your TV” on page 5.)

**Note:** To operate your TV and video equipment properly, refer to the instructions furnished with the video equipment.

- 1 Turn the TV and the video equipment ON.
- 2 Press **TV/VIDEO** on the Remote Control or on the TV to select “VIDEO 1” or “VIDEO 2”.  
The selected source will be displayed in purple.



- 3 Operate the video equipment normally.



## About the Demonstration Mode

When this function is activated, your TV will automatically display a variety of its on-screen menus and special features. This function is provided for demonstration purposes only.

- 1 Press **MENU**, then **▲** or **▼** until “DEMO” in the Option menu is displayed in purple.
- 2 Press **◀** or **▶** to select “START”.

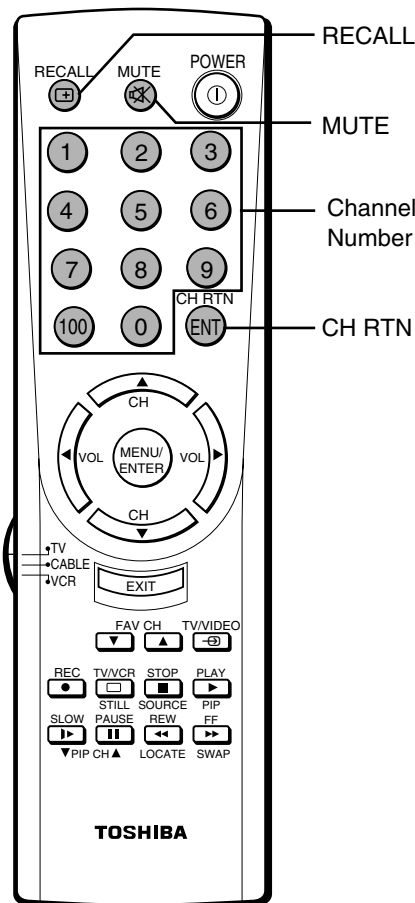
The on-screen demonstration will start after about 15 seconds.



## To stop the demonstration

Press **EXIT** or **RECALL** on the Remote or select “STOP” in the menu.

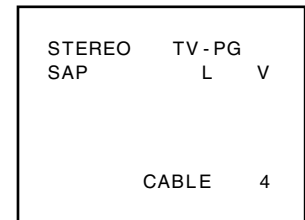
# Convenient Remote Functions



## Displaying on-screen information

Press **RECALL** to display the following on-screen information.

- Channel number or VIDEO mode selected
- Stereo or SAP audio status
- V-CHIP rating

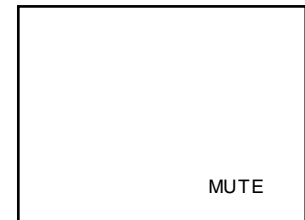


## Muting the sound

Press **MUTE** to mute the sound. The word "MUTE" will be displayed on the screen as shown. This is useful during telephone calls or other interruptions.

To restore the sound, press **MUTE** again.

*Note: When the **MUTE** button is pressed, the Closed-Captioned feature "C1" is activated. ("MUTE" on the screen display will disappear.) To deactivate, press the **MUTE** button again. (This feature only functions when the Closed Caption mode is set to "OFF".)*



## Changing quickly between two channels

Press **CH RTN** to return to the last channel viewed.

This is useful should you want to view two channels. This allows you to view two programs without entering an actual channel number each time.

### To operate this function

- 1 Select the first channel you want to view.
- 2 Select the other channel with the **Channel Number** buttons.
- 3 Press **CH RTN**.  
The previous channel will return.

Each time you press **CH RTN**, the TV will switch back and forth between the two channels.

